

To: Pat Knight[pknight@synapse-energy.com]
Cc: Jeremy Fisher[jfisher@synapse-energy.com]; Chris Lamie[Chris.Lamie@erg.com]
From: DeYoung, Robyn
Sent: Tue 5/12/2015 8:22:17 PM
Subject: FW: AVERT Ozone Season

Hi Pat or Jeremy,

Can you follow up on this question. Is the AVERT ozone seasons inclusive of May through Sept or May through October? Thanks!

Robyn

From: Hardy, Trevor D [mailto:trevor.hardy@pnnl.gov]
Sent: Thursday, May 07, 2015 4:23 PM
To: DeYoung, Robyn
Cc: Studarus, Karen
Subject: Re: AVERT Ozone Season

Robyn,

Thanks for filling this in; I should have looked through the manual on this. In checking the manual I do have two follow-up questions:

1 – On page 56 there is a footnote that states the season is May through October inclusive. Can you clarify if the ending month is September or October?

2 – In that same footnote there is a statement “...states with different ozone season designations are not recognized in this model”. What does this mean, precisely? Was data ignored, emissions classified in the ozone data according to your calendar rather than the state’s calendar, something else?

I really appreciate the information you have been able to provide; it has given us a lot of confidence in using this tool.

Trevor

From: <DeYoung>, Robyn <DeYoung.Robyn@epa.gov>
Date: Thursday, May 7, 2015 at 12:47 PM
To: Trevor Hardy <trevor.hardy@pnnl.gov>
Cc: "Angel, Stacy" <Angel.Stacy@epa.gov>
Subject: FW: AVERT Ozone Season

Hi Trevor,

Stacy asked if I could answer this question you have about AVERT below. The Ozone season starts from May to September inclusive. I've attached the AVERT user manual for your reference. See page 33 for further details on different outputs in AVERT.

I'll check in with Jeremy early next week and ask about their analysis on time differentiation based on time zones.

Thanks,

Robyn

Robyn (Kenney) DeYoung

202-343-9080

U.S. EPA

State and Local Climate and Energy Program

<http://epa.gov/statelocalclimate/>

From: Angel, Stacy
Sent: Wednesday, May 06, 2015 5:47 PM
To: DeYoung, Robyn
Subject: FW: AVERT Ozone Season

Do you mind responding to Trevor on this?

From: Hardy, Trevor D [<mailto:trevor.hardy@pnnl.gov>]
Sent: Wednesday, May 06, 2015 5:34 PM
To: Angel, Stacy
Subject: AVERT Ozone Season

Stacy,

I've noticed that the RDF for AVERT have two tables for the pollutants: ozone season and non-ozone season. I've been looking around and haven't found a common definition for those times. In forming those tables, was there a consistent time of the year that was used?

Trevor Hardy

Engineer, PNNL